

ABSTRACT OF THE DISCLOSURE

An inner cylinder has a reduced diameter portion and a proximally disposed transverse
5 aperture. An outer cylinder has a distally disposed transverse hole. The inner and outer
cylinders are coaxially disposed and sealingly engaged distally, thereby forming a cylindrical
space between them. A cylindrical piston within the cylindrical space is slidably urged
proximally by a coil spring. A cylindrical seal separates the space between a higher pressure
proximal zone and a lower pressure distal zone, the seal moving with the piston. A mounting
10 cylinder is sealingly engaged with the outer cylinder and terminates proximally with an
internal thread for engaging a typical valve stem or a wheel mount for mounting the apparatus
on an automotive wheel in place of a typical valve stem.